ABSTRACT

1   A product development scheduler uses a distributed, constraint based

2   system for modeling allocation of resources. All resources for all active

3   development projects are provided at a central location, so that resources are not

4   allocated twice across different projects. Real time availability of resources allows

5   accurate modeling, and changes in resource status are reflected by the scheduler.

6   Availability of materials are tracked through the supply chain to ensure true

7   availability for planning purposes.